

WHAT IS CLAIMED IS:

1. A communication system, comprising:  
storing means for storing information  
pertaining to a connection device which a  
5 communication device should connect to;  
determining means for determining a connection  
device which is connected to a first connection  
device and which the communication device should  
connect to, based on information stored in the  
10 storing means; and  
notifying means for notifying to the  
communication device information for connecting to  
the connection device determined by the determining  
means.  
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2. A communication system according to claim 1,  
further comprising an administrative device having  
the storing means,  
wherein the administrative device performs the  
20 determination performed by the determining means.
3. A communication system according to claim 1,  
wherein the determining means performs the  
determination when the communication device performs  
25 an authentication process with the administrative  
device via the first connection device.

4. A communication system according to claim 1,  
wherein the notifying means notifying the information  
includes one of frequency information for connecting  
to the connection device, identification information  
5 for identifying the connection device, and  
enciphering information.

5. A communication system according to claim 1,  
wherein the determining means performs the  
10 determination based on user information pertaining to  
the user of the communication device.

6. A communication system according to claim 1,  
wherein the storing means stores the connection  
15 device that the communication device should connect  
to according to units of time.

7. A communication system according to claim 1,  
wherein the notifying means notifies the information  
20 pertaining to multiple connecting devices in a case  
where the determining means determines that there are  
multiple connection devices which the communication  
device should connect to.

25 8. A communication system according to claim 7,  
wherein the communication device performs a display  
to select one of the multiple connection devices

notified.

9. A communication system according to claim 1,  
wherein the storing means stores the information  
5 pertaining to the connection device that the  
communication device should connect to separately by  
the area where the communication device is arranged.

10. A communication system according to claim 9,  
10 further comprising instructing means for giving  
instructions so that multiple communication devices  
connect to multiple connection devices in an evenly  
distributed fashion in a case where the determining  
means determines that in the same area there are  
15 multiple connection devices which the communication  
device should connect to.

11. A communication system according to claim 1,  
wherein:  
20 each of the multiple connection devices has  
the storing means; and  
each connection device stores information  
pertaining to a communication device to which that  
connection device permits a connection.

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12. A communication system according to claim  
11, wherein the determining means performs the

determination by means of the first connection device  
inquiring to another connection device about  
permission for the communication device to make a  
connection.

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13. A communication system according to claim  
12, wherein the first connection device further  
comprises registering means for registering the  
connection device performing the inquiry.

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14. A communication system according to claim  
13, wherein the determining means performs the  
inquiry to a connection device other than the  
connection device registered in the registering means  
15 in a case where the determining means could not  
determine the connection device which the  
communication device should connect to after an  
inquiry made based on the registration in the  
registering means.

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15. A communication system according to claim  
13, wherein the connection device that received the  
inquiry from the first connection device updates  
contents registered in the registering means.

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16. A communication system according to claim  
12, wherein the first connection device performs the

inquiry performed by the determining means in a case where the first connection device does not permit the communication device to connect.

5           17. An information processing device,  
comprising:

          storing means for storing information  
pertaining to a connection device which a  
communication device should connect to;

10           determining means for determining a connection  
device which is connected to a first connection  
device and which the communication device should  
connect to, based on information stored in the  
storing means; and

15           notifying means for notifying to the  
communication device information for connecting to  
the connection device determined by the determining  
means.

20           18. An information processing device according  
to claim 17, wherein the determining means performs  
the determination when the communication device  
performs an authentication process with the  
information processing device via the first  
25   connection device.

          19. An information processing device according

to claim 17, wherein the notifying means notifying  
the information includes one of frequency information  
for connecting to the connection device,  
identification information for identifying the  
5 connection device, and enciphering information.

20. An information processing device according  
to claim 17, wherein the determining means performs  
the determination based on user information  
10 pertaining to the user of the communication device.

21. An information processing device according  
to claim 17, wherein the storing means stores the  
information pertaining to the connection device that  
15 the communication device should connect to according  
to units of time.

22. An information processing device according  
to claim 17, wherein the notifying means notifies  
20 multiple connecting devices in a case where the  
determining means determines that there are multiple  
connection devices which the communication device  
should connect to.

25 23. An information processing device according  
to claim 17, wherein the storing means stores the  
information pertaining to the connection device that

the communication device should connect to separately by the area where the communication device is arranged.

5           24. An information processing device according to claim 23, further comprising instructing means for giving instructions so that multiple communication devices connect to multiple connection devices in an evenly distributed fashion in a case where the  
10 determining means determines that in the same area there are multiple connection devices which the communication device should connect to.

          25. A connection device, comprising:  
15           storing means for storing information pertaining to a communication device to which the connection device permits a connection;  
          determining means for determining a connection device which is connected to the connection device  
20 and which the communication device should connect to, in accordance with the information stored in the storing means; and  
          notifying means for notifying to the communication device information for connecting to  
25 the connection device determined by the determining means.

26. A connection device according to claim 25,  
wherein the determining means performs the  
determination by means of the connection device  
inquiring to another connection device about  
5 permission for the communication device to make a  
connection.

27. A connection device according to claim 26,  
further comprising registering means for registering  
10 the connection device performing the inquiry.

28. A connection device according to claim 27,  
wherein the determining means performs the inquiry to  
a connection device other than the connection device  
15 registered in the registering means in a case where  
the determining means could not determine the  
connection device which the communication device  
should connect to after an inquiry made based on the  
registration in the registering means.

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29. A connection device according to claim 26,  
wherein the connection device updates contents  
registered in the registering means when the  
connection device receives the inquiry from another  
25 connection device.

30. A connection device according to claim 26,



wherein the connection device performs the inquiry performed by the determining means in a case where the connection device does not permit the communication device to connect.

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31. A connection device designation method, comprising:

a managing step for managing a connection device which a communication device should connect  
10 to;

a determining step for determining a connection device which is connected to a first connection device and which the communication device should connect to, based on information managed in the  
15 managing step; and

a notifying step for notifying to the communication device information for connecting to the connection device determined in the determining step.

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